

Summary

Production Name	CD7 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CD7
Alternative Names	GP40; TP41; Tp40; LEU-9
Gene ID	924.0
SwissProt ID	P09564.Purified recombinant fragment of human CD7 (AA: 26-180) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	25.4kDa

Background

This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found

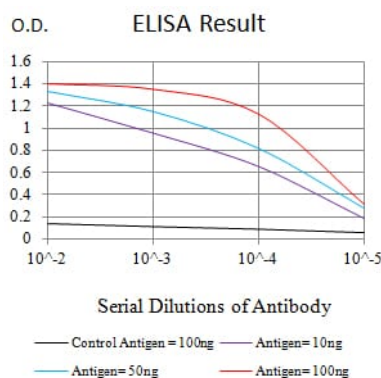
Product Name: CD7 Mouse Monoclonal Antibody
Catalog #: AMM82398



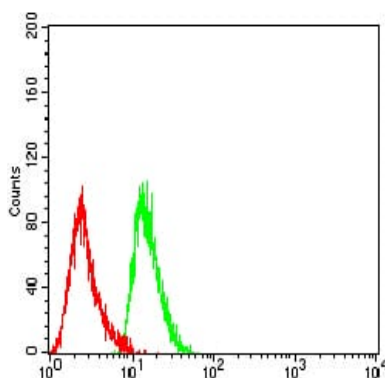
on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

Research Area

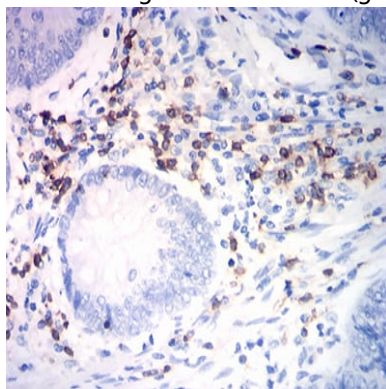
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

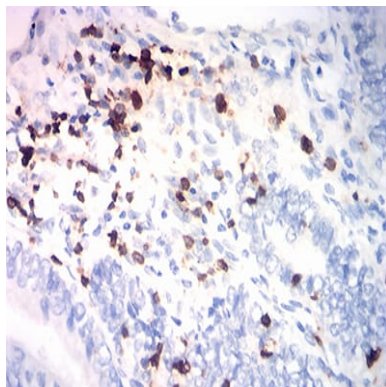


Flow cytometric analysis of THP-1 cells using CD7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD7 mouse mAb with DAB staining.

Product Name: CD7 Mouse Monoclonal Antibody
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Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using CD7 mouse mAb with DAB staining.

Note

For research use only.